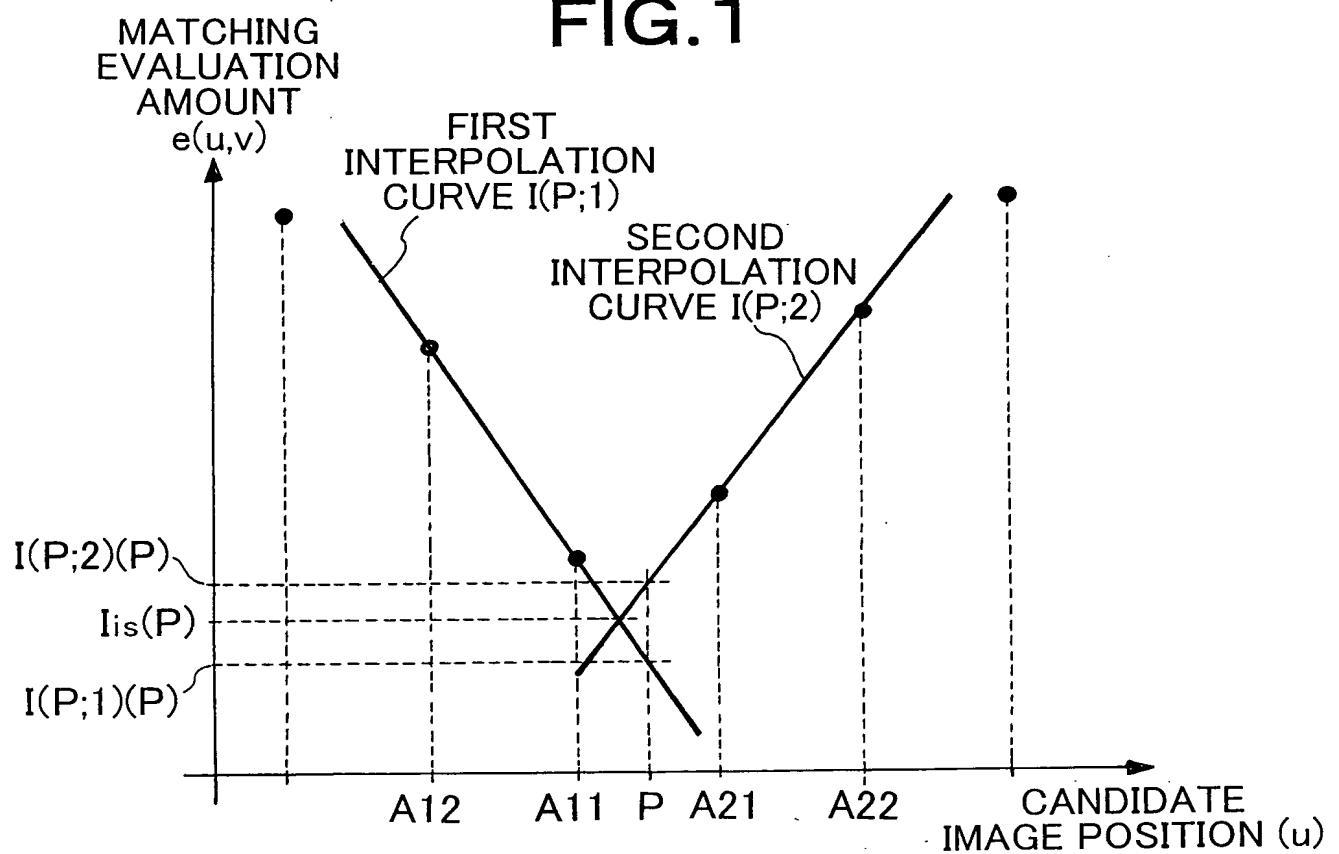


FIG. 1



Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
AND RECORDING MEDIUM THAT
RECORDS PROGRAM FOR IT
Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

FIG.2

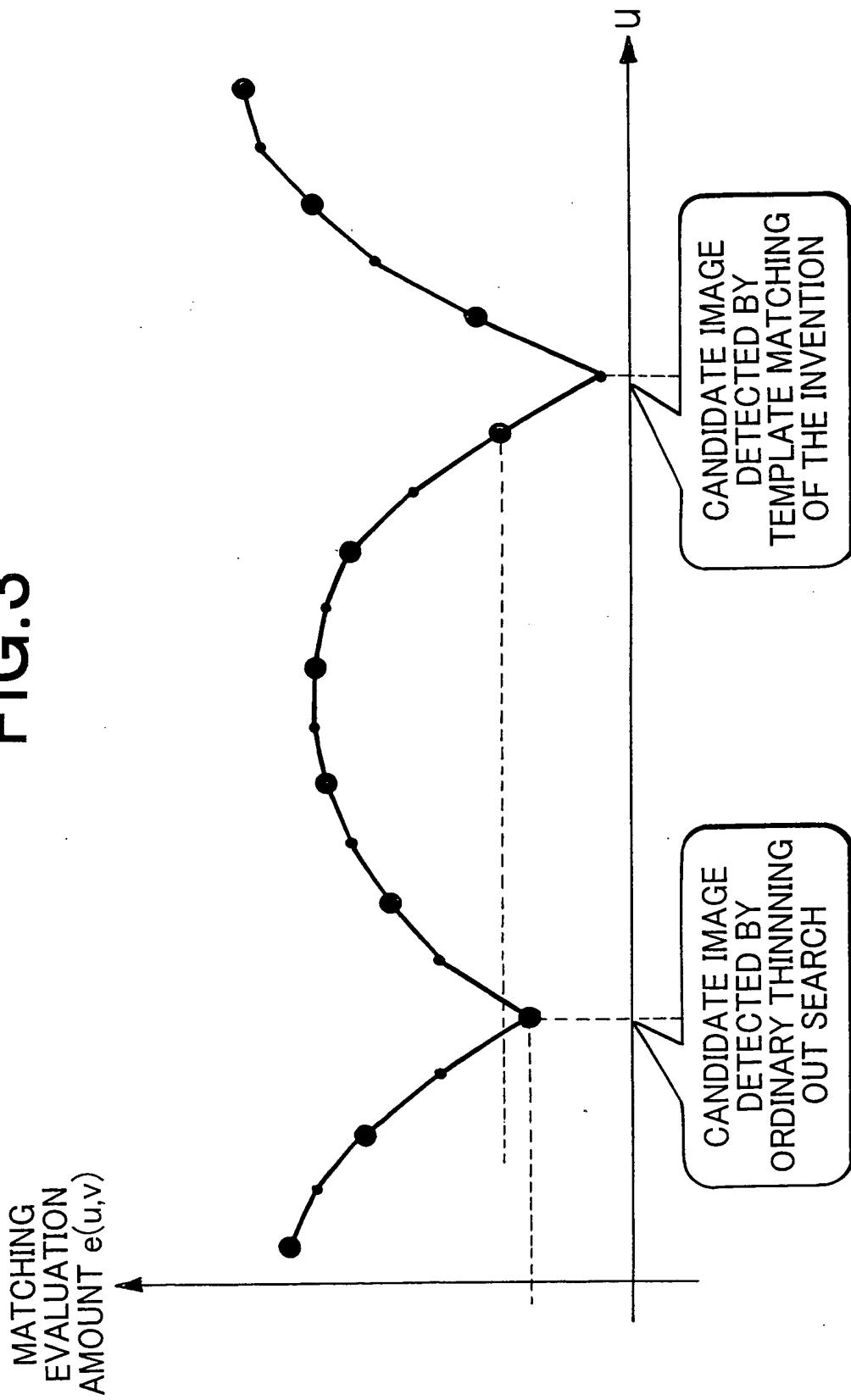
1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1		
					2	2	2		
1	1	1	1	2	①	2	1		
					2	2	2		
1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1		

1 : FIRST STEP MATCHING CANDIDATE

①: FIRST STEP MATCHING RESULT

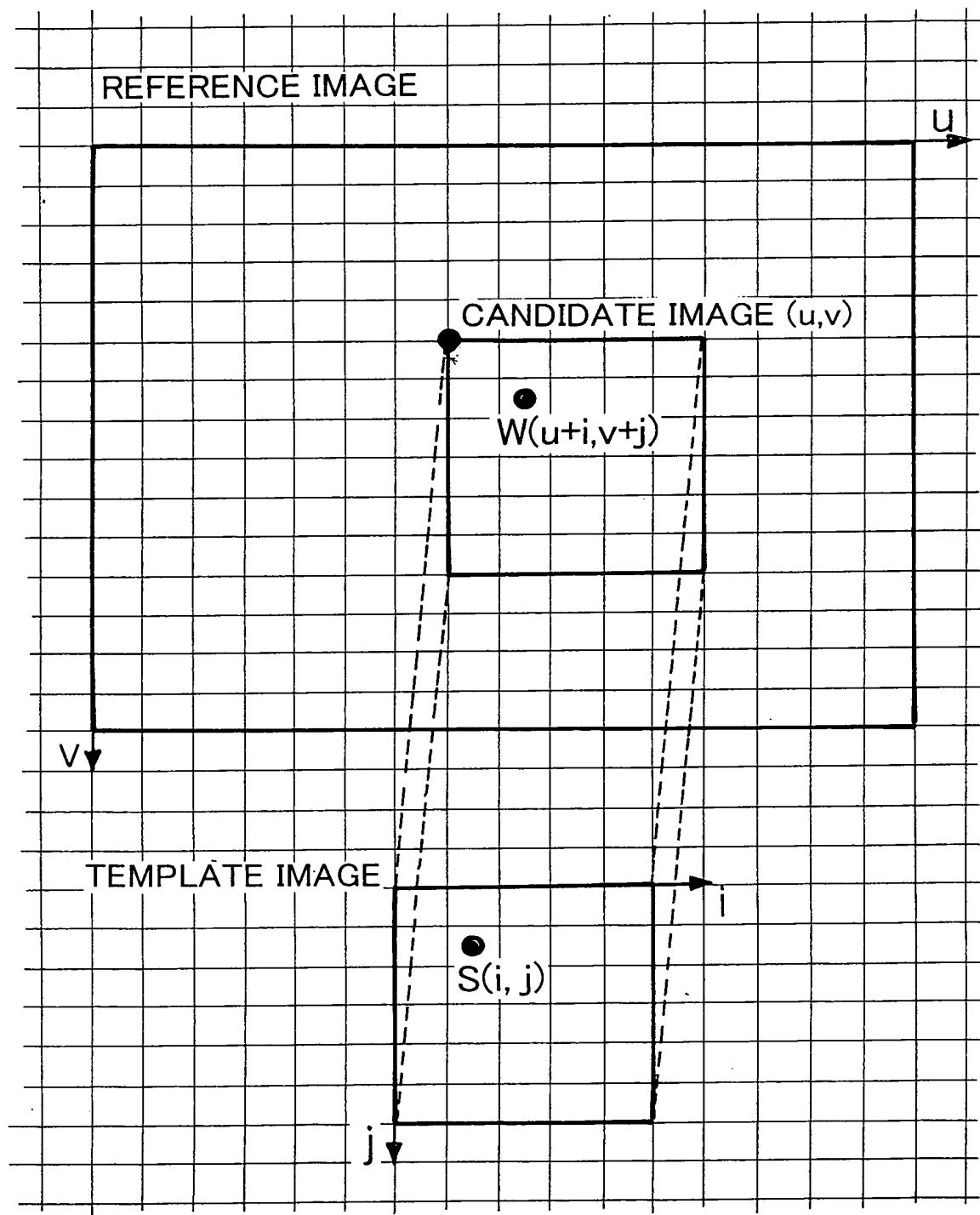
2 : SECOND STEP MATCHING CANDIDATE

FIG.3



Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
AND RECORDING MEDIUM THAT
RECORDS PROGRAM FOR IT
Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

FIG.4



Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
AND RECORDING MEDIUM THAT
RECORDS PROGRAM FOR IT
Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

FIG. 5

(a) THINNING OUT AT 2-PIXEL INTERVALS IN VERTICAL AND LATERAL DIRECTIONS

1		1	2	1	2	1	2	1	2	1	1
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
1		1	2	1	2	1	2	1	2	1	1

(b) THINNING OUT AT 2-PIXEL INTERVALS IN LATERAL DIRECTION 1

(c) THINNING OUT AT 2-PIXEL INTERVALS IN LATERAL DIRECTION 2

FIG. 6

Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
AND RECORDING MEDIUM THAT
RECORDS PROGRAM FOR IT
Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

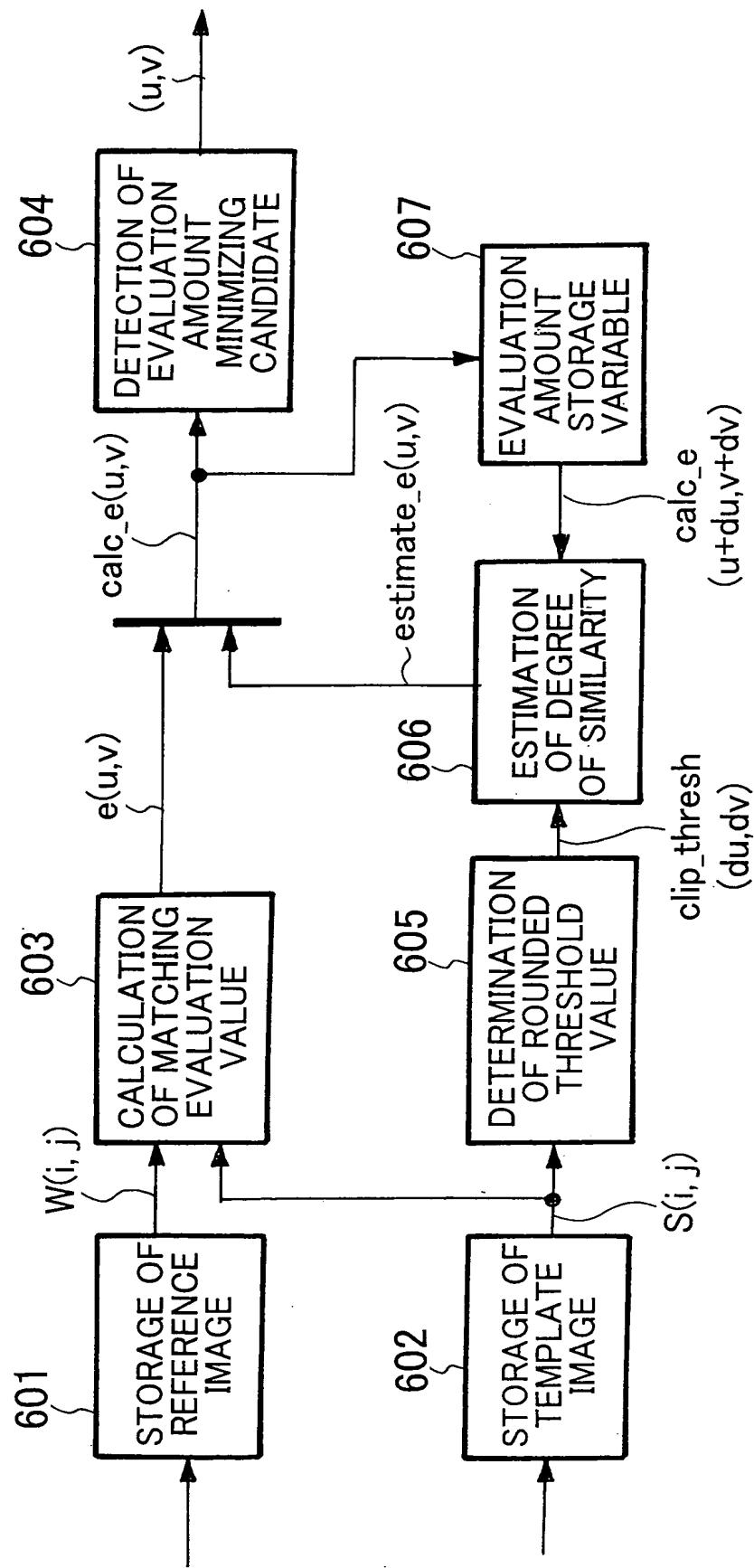
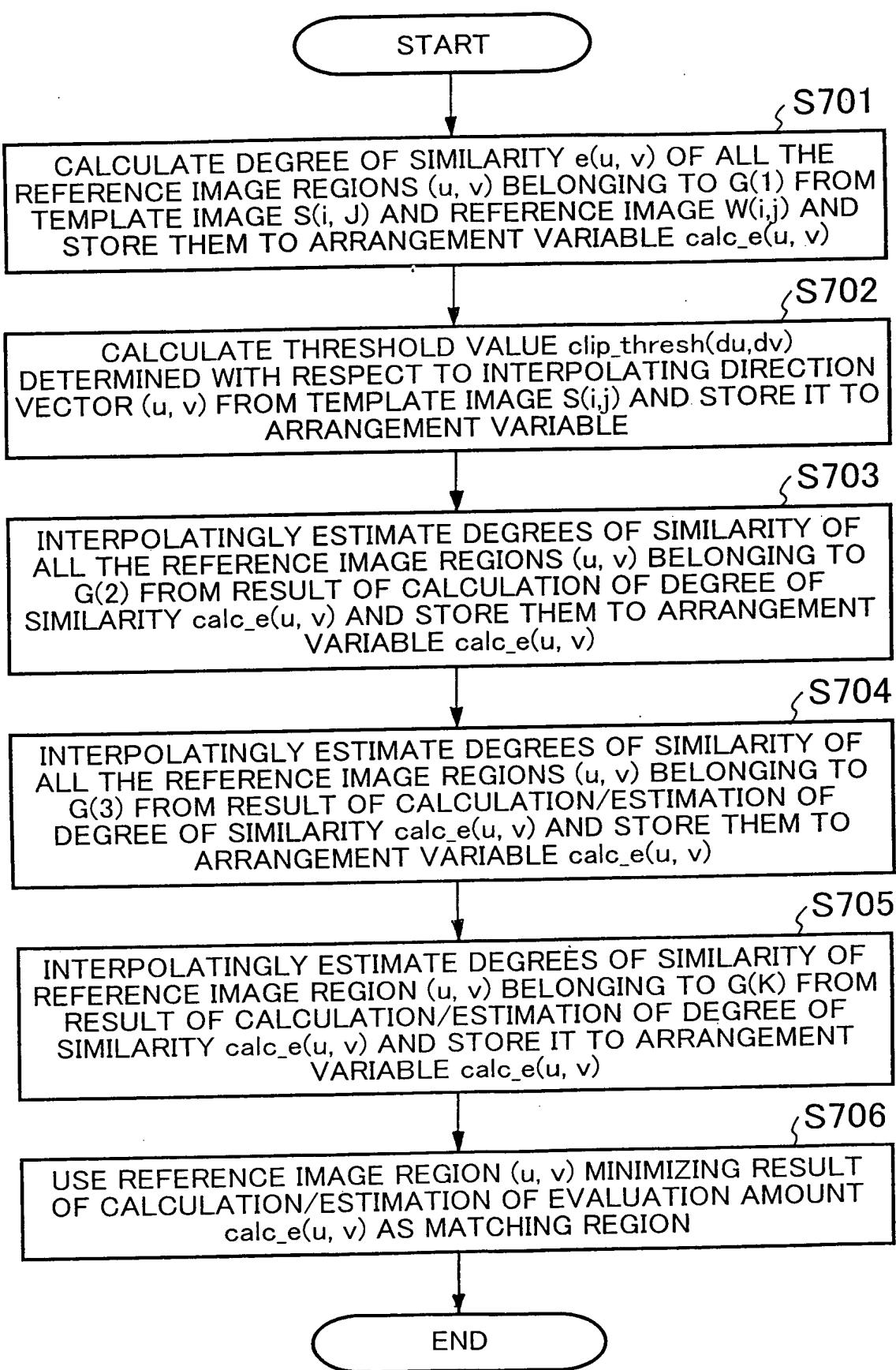


FIG. 7



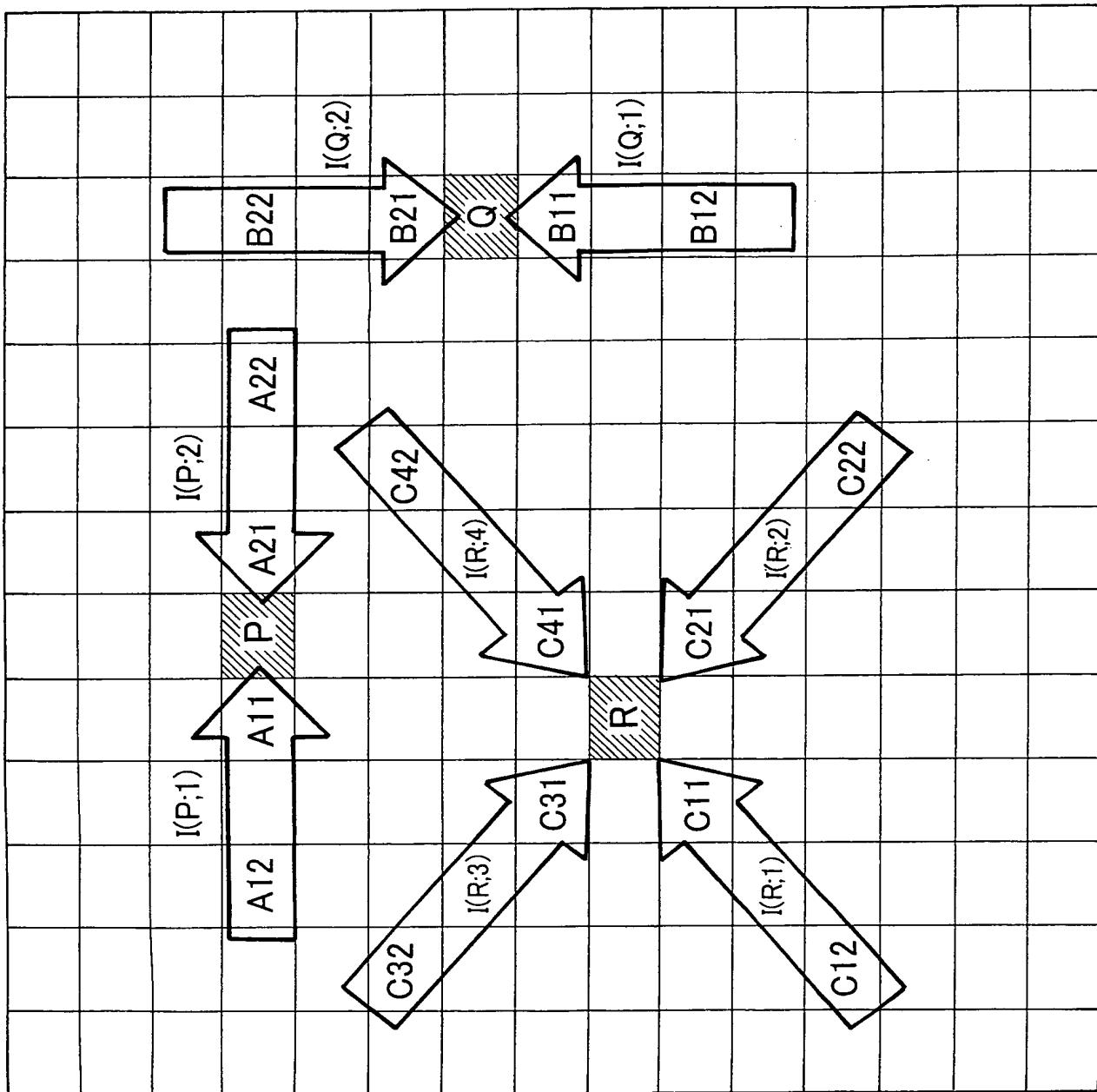


FIG. 8

FIG.9

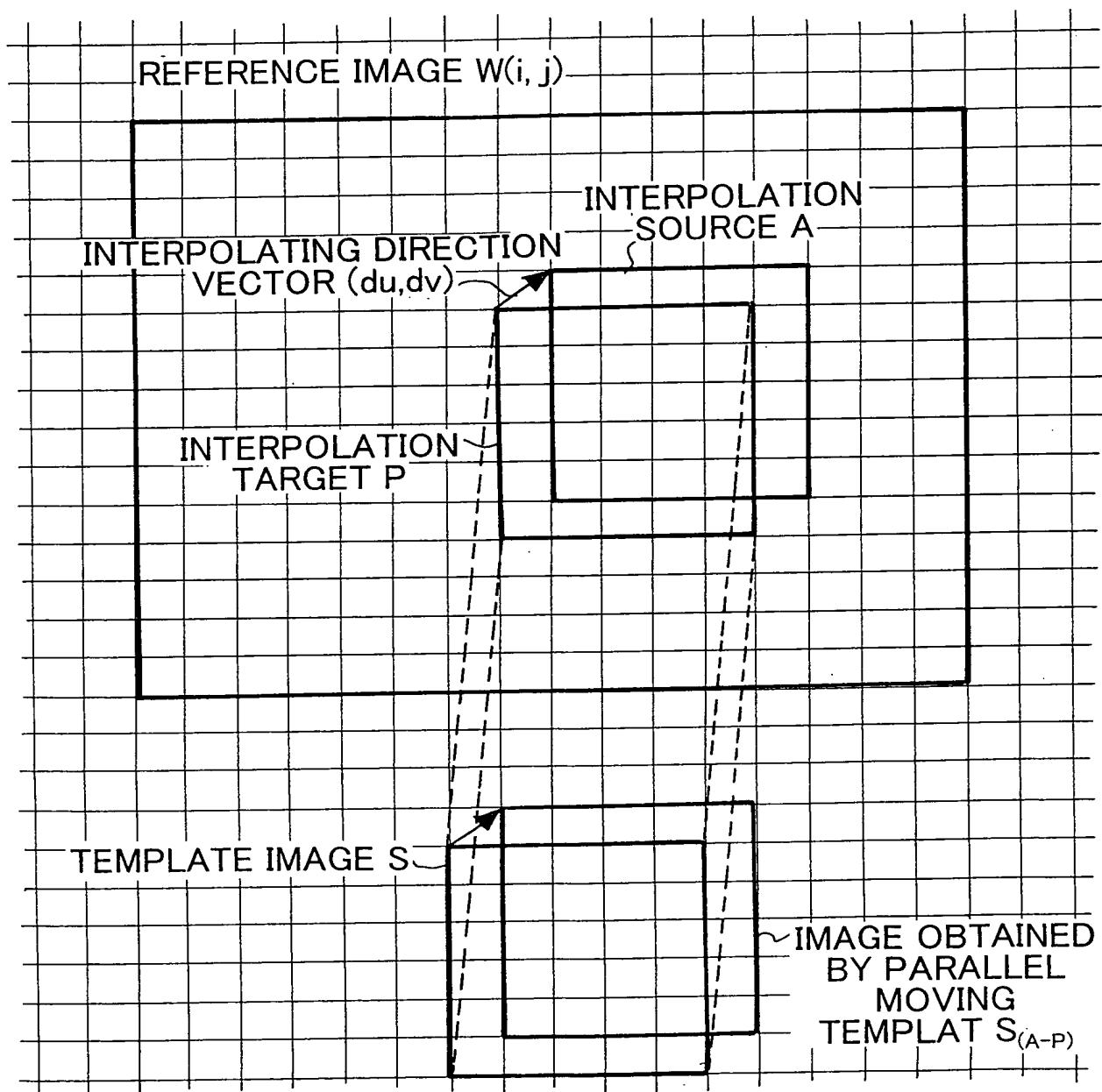


FIG. 10

Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
AND RECORDING MEDIUM THAT
RECORDS PROGRAM FOR IT
Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

FIG. 1 1

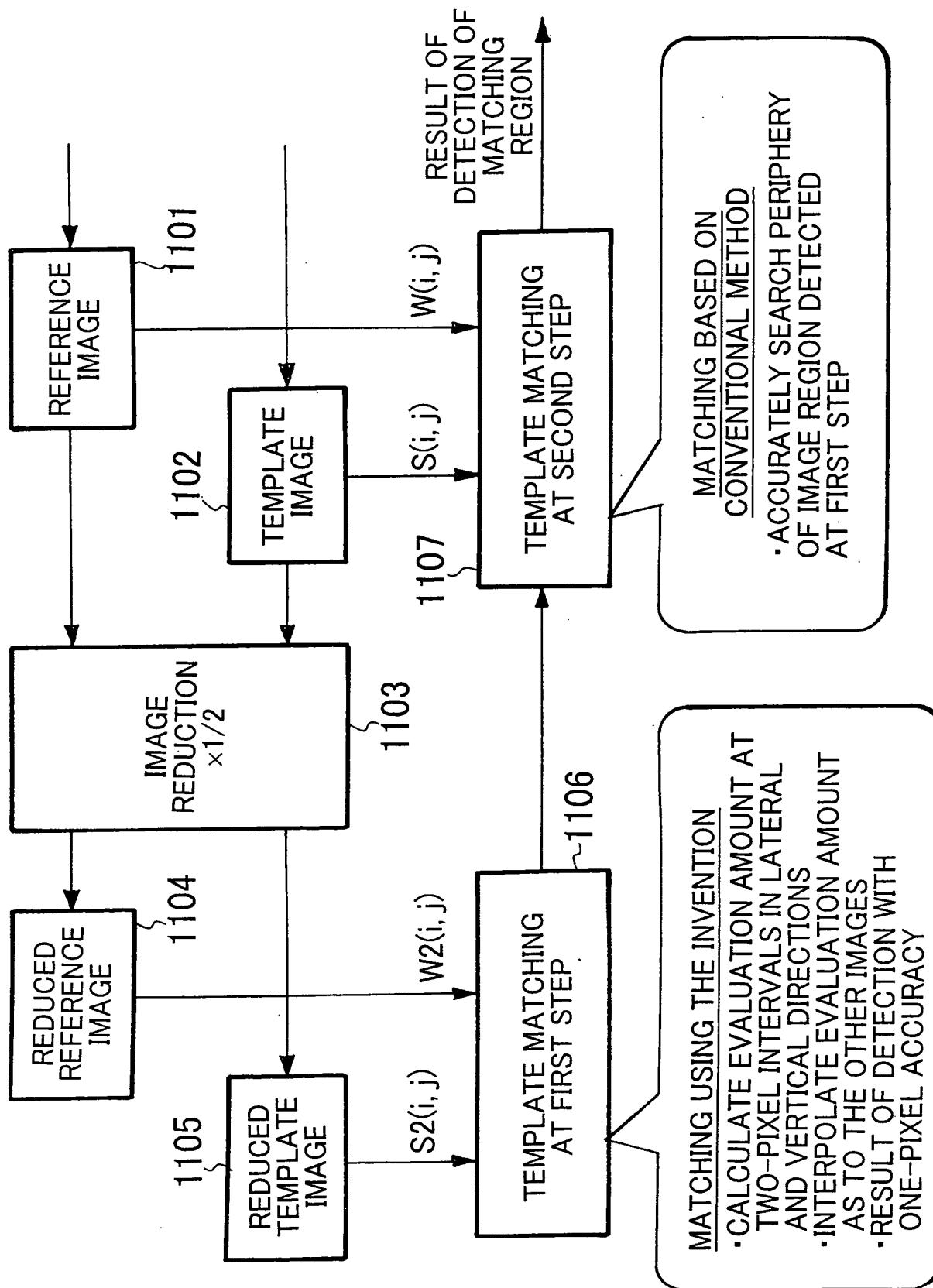


FIG. 12

COMPARISON OF AN AMOUNT OF CALCULATION NECESSARY TO TEMPLATE MATCHING

	NUMBER OF TIMES OF CALCULATION OF THE DIFFERENCE OF PIXELS
PRIOR ART A (ALL SEARCH METHOD)	278784
PRIOR ART B (MULTISTEP SEARCH METHOD)	20800
EMBODIMENT (PRESENT INVENTION + MULTISTEP SEARCH METHOD)	20928

FIG. 13

13SD_Church

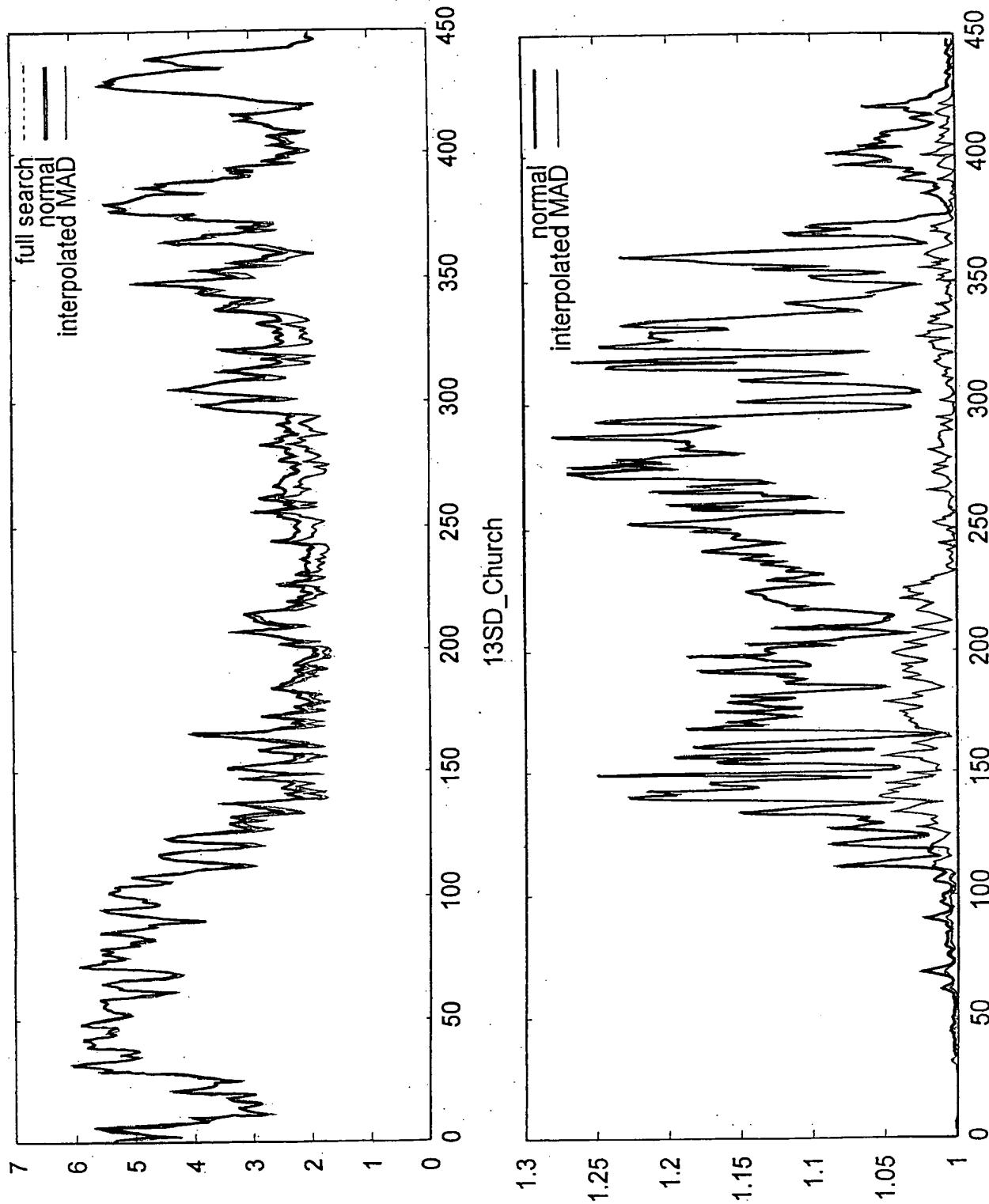


FIG. 14

